IN THE CLAIMS:

1. (Currently Amended) ~~Configuration~~ A configuration method for an automation module ~~(10)~~ on a TCP/IP network ~~(5)~~ to which at least one item of automation equipment ~~(20)~~ ~~is~~ also is connected, ~~characterized in that the configuration method comprises the following steps~~the method in sequence comprising:

• ~~A preliminary step (A) in which~~assigning an application name ~~(40)~~ ~~is assigned, this~~for the automation module, said application name being unique on the TCP/IP network; ~~(5) for the automation module (10).~~

• ~~An addressing step (B) in which~~ sending by the automation module ~~(10)~~ ~~sends~~ a request address query ~~(17)~~ on the TCP/IP network ~~(5)~~, ~~containing~~the request address query comprising the application name ~~(40)~~ of the automation module ~~(10)~~ and ~~conform~~ being in conformance with ~~the~~ DHCP protocol~~,~~; and

• ~~A configuration step (C) in which~~sending by the automation module ~~(10)~~ ~~sends~~ a read configuration query ~~(18)~~ ~~conform~~in conformance with ~~the~~ FTP or TFTP protocol, on the TCP/IP network ~~(5)~~, to an FTP/TFTP server ~~(24, 34)~~.

2. (Currently Amended) ~~Configuration~~ The configuration method according to claim 1, ~~characterized by the fact that the DHCP server (23) is installed in~~wherein one of said automation equipment ~~(20)~~ connected to the TCP/IP network ~~(5)~~comprises a DHCP server compliant with DHCP protocol.

3. (Currently Amended) ~~Configuration~~ The configuration method according to claim 1, ~~characterized by the fact that the FTP/TFTP server (24, 34) is installed in~~wherein one of said automation equipment ~~(20, 30)~~ connected to the TCP/IP network ~~(5)~~comprises an FTP/TFTP server.

4. (Currently Amended) ~~Configuration~~ The configuration method according to claim 1, ~~characterized by the fact that during the addressing step (B),~~wherein sending by the automation module further comprises the automation module ~~(10)~~ ~~receives~~receiving a response ~~(27)~~ to the request address query ~~(17)~~ from ~~the~~ a DHCP server ~~(23)~~, said response containing an IP ~~addressing (41)~~address and a location ~~(42)~~ of a data file ~~(46)~~ specific to the automation module ~~(10)~~, making ~~it~~ possible ~~to go~~

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on to configuration step (C).sending by the automation module a read configuration query.

5.   (Currently Amended) Configuration The configuration method according to claim 4, characterized by the fact thatwherein the read configuration query (18) uses the location (42) of the data file for the automation module (10).

6.   (Currently Amended) Configuration The configuration method according to claim 5, characterized by the fact that during the configuration step (C),additionally comprising sending by the automation module a read configuration query receiving by the automation module (10) receives a response (38) to the read configuration query (18) from the FTP/TFTP server (24, 34), the response containing the data file (46) for the automation module (10), such so that the automation module can then change to an operational state.

7.   (Currently Amended) ~~Configuration~~ The configuration method according to claim 6, ~~characterized by the fact that~~wherein the data file ~~(46)~~ of ~~an~~ the automation module is identified ~~using~~ by the application name ~~(40)~~ of the automation module ~~(10)~~.

8.   (Currently Amended) ~~Configuration~~ The configuration method according to claim 6, ~~characterized by the fact that~~wherein when ~~an~~ the automation module ~~(10)~~ is in ~~the~~ an operational state, ~~it can send~~the automation module sends a write configuration query on its own initiative to the FTP/TFTP server ~~(24, 34)~~ to update or save all or some of ~~its~~ the automation module data file ~~(46)~~.

9.   (Currently Amended) ~~Configuration~~ The configuration method according to claim 6, ~~characterized by the fact that~~wherein when ~~an~~ the automation module ~~(10)~~ is in ~~the~~ an operational state, ~~it can send~~the automation modules sends a read configuration query on its own initiative to the FTP/TFTP

server (24, 34) to check or reload all or some of ~~its~~ the automation module data file (46).

10. (Currently Amended) Automation assembly ~~capable of~~ for implementing a method of configuring an automation module (10) according to claim 1, the automation assembly comprising at least one automation module (10) connected to a TCP/IP network (5) and equipped with a first processing unit (12) ~~which is~~ connected to a first storage means (15) and to a first network communication interface (11), ~~characterized by the fact thatwherein~~ the automation module (10) is ~~capable of memorizingfor~~ storing an application name (40) specific to the automation module (10) in ~~its~~ the first storage means (15), and ~~can executefor~~ executing a DHCP client (13)process and an FTP/TFTP agent (14)process in ~~its~~ the first processing unit (12).

11. (Currently Amended) ~~Automation~~ The automation assembly according to claim 10, comprising first automation equipment ~~(20) that is~~ connected to the TCP/IP network ~~(5)~~ and ~~that is~~ equipped with a <u>second</u> processing unit ~~(22)~~ connected to <u>a</u> <u>second</u> storage means ~~(25)~~ and to a <u>second</u> network communication interface<u>,</u> ~~(21) characterized by the fact that~~ <u>wherein</u>the first automation equipment ~~(20) can execute~~<u>is for executing</u> a DHCP server ~~(22)~~<u>process</u> in ~~its~~ <u>the second</u> processing unit ~~(22)~~ and ~~can memorize~~<u>for memorizing</u> a configuration table ~~(45)~~ in ~~its~~ <u>said second</u> storage means ~~(25)~~, <u>thereby</u> associating the application name ~~(40)~~ of at least one DHCP client ~~(13)~~<u>process</u> with an IP ~~addressing (41)~~<u>address</u> and a location ~~(42)~~ of a data file.

12. (Currently Amended) ~~Automation~~ The automation assembly according to claim 11<u>,</u> comprising a second automation equipment ~~(30) that is~~ connected to the TCP/IP network ~~(5)~~ and ~~that is provided with~~<u>comprising</u> a <u>third</u> processing unit ~~(32)~~ connected to a <u>third</u> storage means ~~(35)~~ and to a <u>third</u> network communication interface ~~(31)~~, ~~characterized by the fact~~

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~~that~~wherein the second automation equipment ~~(30) can execute~~is for executing an FTP/TFTP server ~~(34)~~process in its processing unit ~~(32)~~ and ~~can memorize~~for memorizing a data file ~~(46)~~ corresponding to at least one FTP/TFTP agent ~~(14)~~process in ~~its~~ said third storage means ~~(35)~~.

13. (Currently Amended) ~~Automation~~ The automation assembly according to claim 11, ~~characterized by the fact that~~ wherein the first automation equipment ~~(20) can execute~~is for executing an FTP/TFTP server ~~(24)~~ in ~~its~~ said second processing unit ~~(22)~~ and ~~can memorize~~for storing a data file ~~(46)~~ corresponding to at least one FTP/TFTP agent ~~(14)~~ in ~~its~~ said second storage means ~~(25)~~.